



Patent
Attorney Docket No. 033323-002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Allan Ginsburg et al.

Application No.: 10/045,089

Filing Date: January 15, 2002

Title: INVENTORY AND REVENUE MAXIMIZATION METHOD AND SYSTEM

Group Art Unit: 3627

Examiner: JAMES A KRAMER

Confirmation No.: 1255

FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

Charles F. Wieland III
Registration No. 33,096

Date: August 9, 2004

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Allan Ginsburg et al.)	Group Art Unit: 3627
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SYSTEM)	

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Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

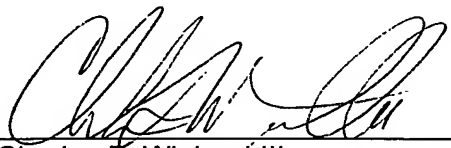
08/10/2004 EABUBAK1 00000009 10045089

04 FC:1806

180.00 0P

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**FIRST
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Sheet 1 of 4

Application Number 10/045,089
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 Examiner Name JAMES A KRAMER
 Attorney Docket Number 033323-002

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,260,047	B1	Fox et al.	07/10/2001
	6,061,691		Fox	05/09/2000
	5,404,291		Kerr et al.	04/04/1995
	3,651,478		Shandlay	03/21/1972
	4,025,766		Ng et al.	05/24/1977
	4,509,123		Vereen	04/02/1985
	4,700,295		Katsof et al.	10/13/1987
	5,216,594		White et al.	06/01/1993
	5,241,467		Failing et al.	08/31/1993
	5,255,184		Hornick et al.	10/19/1993
	5,383,112		Clark	01/17/1995
	5,594,899		Knudsen et al.	01/14/1997
	5,630,121		Braden-Harder et al.	05/13/1997
	5,712,989		Johnson et al.	01/27/1998
	5,758,149		Bierma et al.	05/26/1998
	5,758,328		Giovannoli	05/26/1998
	5,758,329		Wojcik et al.	05/26/1998
	5,761,432		Bergholm et al.	06/02/1998
	5,765,143		Sheldon et al.	06/09/1998
	5,771,172		Yamamoto et al.	06/23/1998
	5,848,399		Burke	12/08/1998
	5,854,746		Yamamoto et al.	12/29/1998
	5,870,733		Bass et al.	02/09/1999
	5,918,209		Campbell et al.	06/29/1999
	5,960,414		Rand et al.	09/28/1999
	6,041,308		Walker et al.	03/21/2000
	6,085,169		Walker et al.	07/04/2000
	6,108,639		Walker et al.	08/22/2000
	6,134,534		Walker et al.	10/17/2000
	6,240,396	B1	Walker et al.	05/29/2001
	6,253,187	B1	Fox	06/26/2001
	6,263,315	B1	Talluri	07/17/2001
	3,605,089		Gray	09/14/1971
	6,138,105	A	Walker et al.	10/24/2000
	6,260,024	B1	Shkedy	07/10/2001
	6,341,269	B1	Dulaney et al.	01/22/2002
	6,366,890	B1	Usrey	04/02/2002
	6,567,824	B2	Fox	05/20/2003

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	✓ "Yield Management-Revenue Management", (2001), pg 1, Horand Vogel & Associates Management Consultants, Germany, www.horand-vogel.de/index.htm
	✓ Net Yield: About Us, (2001), pg 1, LAN Infosystems, Braintree, www.laninfor.com/AboutUs.htm
	✓ Net Yield Seafood Inventory Software, (2001), pg 1, LAN Infosystems, Braintree, www.laninfor.com/index.html
	✓ Net Yield-Training and Consulting, (2001), pg 1, LAN Infosystems, Braintree, www.laninfo.com/Service.htm
	✓ "CMI Director: Steven Nahmias", (2001), pgs 1-2, CMI Santa Clara University, Santa Clara, http://business.scu.edu/CMI/chair.html
	✓ OMIS Faculty Research-Dr. Steven Nahmias, (2001), pgs 1-5, OMIS Santa Clara University, Santa Clara, http://omis.scu.edu/faculty/Research/nahmias_research.htm
	✓ IYMRS:YM Resources, (2000), pgs 1-4, IYMRS, www-mugc.cc.monash.edu.au/~kfarrell/iymrs/resources.html
	✓ IYMRS: Bibliography, (2001), pgs 1-4, IYMRS, http://www-mugc.cc.monash.edu.au/~kfarrell/iymrs/biblio.html
	✓ RM Articles, (2001), pgs 1-4, www.abovetheweather.com/articles.asp
	✓ NAB Information Resource Center Home Page, (2001), pg 1, NAB Information Resource Center, Washington, DC, www.nab.org/irc/
	✓ National Association of Broadcasters: Yield Management Session (1992), pgs 1-12
	✓ PRO-RATE: Mega Rates Software For Radio, pgs 1-23, RCS, Scarsdale, New York
	✓ APICS Catalog Directory-Educational Materials Search: Integrated Inventory Management, (2001), pg 1, APICS, Alexandria, VA, www.apics.org/scripts/bookstore/catalogfind.asp?id=310&title=true
	✓ APICS Catalog Directory-Educational Materials Search: Power Pricing, (2001), pg 1, APICS, Alexandria, VA, www.apics.org/scripts/bookstore/catalogfind.asp?id=462&title=true
	✓ APICS Catalog Directory-Educational Materials Search: Demand Forecasting and Inventory Control, (2001), pg 1, APICS, Alexandria, VA, www.apics.org/scripts/bookstore/catalogfind.asp?id=205&title=true
	✓ McNEIL, "Re: revenue management seminar paper", (2001), pgs 1-2, Web Forum-Virtual Academy in Yield Management, www.mcb.co.uk/services/conferen/webforum/va-yield/45.html
	✓ LEVINE et al., "Yield Management Techniques and the Sale of Broadcast Advertising Time", (1991), pgs 1-4, Arthur D. Little Inc.
	✓ CROSS et al., "Yield Management", Futurescope, (April 1991), pgs IV-1 through IV-4, Decision Resources, Inc.

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Sheet

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FOREIGN PATENT DOCUMENTS

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	CROSS, <u>Revenue Management – Hard-Core Tactics for Market Domination</u> , (1997), Broadway Books, New York, NY
	INGOLD et al., <u>Yield Management – Strategies For The Service Industries</u> , (2000), pgs. 53-54, 179-182, 205-206, Continuum, London
	LITTLE, <u>Revenue Enhancement Opportunities Through Yield Management</u> , (1991), San Francisco, Ref. No. YM100
	FOX, <u>Pricing and Rate Forecasting Using Broadcast Yield Management</u> , (1992), National Association of Broadcasters, Washington, DC
	STRASSER (Editor), "Strategic Advantage From Information Technology", Perspectives, Spr. 1994, Decision Focus Incorporated, Washington, DC, ISBN 0-89324-150-4
	McKENNA, "Aggregate Economic Analysis", (1965), Library of Congress, Washington, DC
	CHANG, "Computerized Reservation Systems", Emergent Innovations in Information Transfer Processing and Decision Making, (1992), IEEE Systems, Vol. 2
	ULUSOY, "An Annotated Bibliography on Real-Time Database Systems", SIGMOD (1995), pgs 40-45, vol. 24, No. 4, Record, Turkey
	LOOMBA et al., <u>Readings in Management Science</u> , Chapter 11, "Management Information Systems and Sensitivity Analysis", (1976), Business Publications Inc., Dallas
	THOMASIAN, "A Fractional Data Allocation Method for Distributed Databases", Proceedings of the Third Int'l Conference on Parallel and Distributed Information Systems, (1994), pgs 168-175, IEEE, Washington
	COPELAND et al., "Sabre: The Development of Information-Based Competence and Execution of Information-Based Competition", IEEE Annals of the History of Computing, (1995), pgs 30-56, vol. 17, No. 3, IEEE
	ÉKLUND, "The Reservisor Automated Airline Reservation System: Combining Communications and Computing", IEEE Annals of the History of Computing, (1994), pgs 62-69, vol. 16, No. 1, IEEE
	DORNIAN, "ReserVec: Trans-Canada Air Lines' Computerized Reservation System", IEEE Annals of the History of Computing, (1994), pgs 31-42, vol. 16, No. 2, IEEE
	BURNS, "Global Distribution Systems: A Glimpse of the Future", Hospitality & Automation, October/November 1994, two pages, http://burns-htc.com/Articles/GDS%20Glimpse%20US.htm
	BURNS, "Electronic GDS Distribution – What Are Your Options?", H & A Report, Vol. III, Issue 5, January/February 1996, 6 pages, http://burns-htc.com/Articles/Electronic%20Distribution%20Options.htm
	BURNS, "Seamless – The New GDS Connectivity Standard", H & A Report, Volume III, Issue 5, January/February 1996, three pages, http://burns-htc.com/Articles/Seamless.htm
	BURNS, "The Evolving Role of the Central Reservation System", H & A Report, Volume IV, Issue 3, January/February 1997, two pages, http://burns-htc.com/Articles/Evolving%20Role%20%of%20CRS.htm
	McGILL et al., "Revenue Management: Research Overview and Prospects", Transportation Science, (1999), pgs 233-256, vol. 33, No. 2, Institute for Operations Research and the Management Sciences
	TuScan.com, "Omega 32", May 20, 2001, one page, http://www.TuScan.com/Innovation.htm

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	ENCODA SYSTEMS, "Sales Analysis Plus", May 20, 2001, one page, http://www.ecodasystems.com/solutions/radio/sales-analysis-plus.htm
	HYATT, "You won't have any reservations about this new System", May 20, 2001, two pages, http://www.hyatt.com/travel-agents/news1-2.html
	BURNS, "Evolving Role of the Central Res System", Lodging, May 1997, two pages, http://burns-htc.com/Articles/Lodging-Evolving%20Role.htm
	LIBERMAN, "Debunking the Myths of Yield Management", The Cornell H.R.A. Quarterly, (1993), pgs 34-41, Cornell University
	LIBERMAN, "Making Yield Management Work for You: Ten Steps to Enhanced Revenues", Travel Tourism and Hospitality Bulletin of Arthur D. Little Inc., (1991), Vertec Solutions Inc., Belmont, CA
	LIBERMAN, "A Revolution Is Brewing in Pricing", Los Angeles Times, (June 6, 1990), Los Angeles Times
	LIBERMAN, "Effective Revenue Management", Cruise Industry News, (1991), Cruise Industry News Nissen-Lie Communications Inc., New York
	DAVIS, "Airline Ties Profitability Yield to Management", SIAM News, (1994), Volume 27, No. 5, 5 pages
	CHANG, "Computerized Reservation Systems", (1992), pgs 1248-1249, IEEE
	"Price It Right... With RateMinder", (2001), pgs 1-2, Custom Business Systems Int'l, www.cbsi.org/rminder.htm
	CRANDALL, "How Airline Pricing Works", (2001), pgs 1-3, American Way-Vantage Point, www.aa.com/away/Vantage/Vantage_may98.htm
	"Revenue Management & Pricing Theory & Implementation", Profit Optimization Strategies Inc. (10/14/98), pgs 1-6, www.mugc.cc.monash.edu.au/~kfarrell/ymrs/RMDet/Default.htm
	"Demand Pricing", (2000), pg 1, Marketron, www.marketron.com/products/modules/demandpricing.html
	"Reservations and Yield Management Study Group 1996 Meeting Presentations and Working Papers", (1996), pgs 1-2, AGIFORS, www.agifors.org/cgi-bin/agifors/get-papers.p1?year=1996
	"Reservations and Yield Management Study Group 1997 Meeting Presentations and Working Papers", (1997), pgs 1-2, AGIFORS, www.agifors.org/cgi-bin/agifors/get-papers.p1?year=1997
	"Reservations and Yield Management Study Group 1997 Meeting", (1997), pgs 1-5, AGIFORS, www.agifors.org/rymsg/1997/
	"Definition and history of Yield Management", (2001), pgs 1-3, Optims, www.prologic.fr/UK/hight_profits.html
	"Fields of Application for Yield Management", (2001), pgs 1-2, Optims, www.prologic.fr/UK/observatory_1.html
	"Above Revenue Management", (2001), pgs 1-5, PROS Revenue Management, www.prosrm.com/about.asp?root=about&page=revenue&management&
	KAHN, "Broadcasting Revenue Management", (2001), pgs 1-2, PROS Revenue Management, www.prosrm.com/conference/Broadcasting/broadcasting.htm
	"Broadcasting", (2001), pgs 1-4, PROS Revenue Management, www.prosrm.com/industry.asp?page=Broadcasting
	PROS Revenue Management: Home Page, (2001), pgs 1-5, PROS Revenue Management, www.prosrm.com/
	Companies using RM, (2001), pgs 1-8, www.abovetheweather.com/companies.asp

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